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### PART III—SECTION 2

Notifications and Notices Issued by the Patent Office relating to Patents and Designs

#### THE PATENT OFFICE

#### Patents and Designs

Calcutta, the 18th May 1963

#### Special Notice

The Patent Office Journal, 1959, containing particulars of applications for patents made during the year 1957 and designs registered during the year 1958 and of other proceedings under the Indian Patents and Designs Act, 1911 during the year ending 31st December 1959 has been published. Copies of the said Journal are now available on sale with the Manager of Publications, Civil Lines, Delhi and Government of India Book Depot, 8, Hastings Street, Calcutta-1, (for sale only at the counter) at the following price per copy:—

Inland	Foreign
Rs. 66.50 nP.	155 sh. 2d. or \$23.94 cents.

#### Application for Patents

The dates shown in crescent brackets are the dates claimed under Section 78A of the Act.

*The 27th April 1963*

87616. D. R. Jariwala, V. D. Jariwala and J. V. Jariwala. Lamellating fabrics particularly fabrics containing metallic threads without disturbing their original design and get up and with the result that separate threads of the fabrics adhere to each other under ordinary wear and tear.
87617. B. Braun. Improvements in or relating to containers for biological liquids.
87618. K. P. Varma, L. S. Varma, Kamla Devi, S. K. Varma and J. K. Varma. Improvements in or relating to air-borne crafts and roadless vehicles.
87619. D. Chand. Base of the foot air pump.
87620. Grosillex Iretes. Device for decorating articles of plastic material. (14th June 1962).
87621. Tokheim International AG. Ratio selecting apparatus for a compound speed variator.
87622. Hunslet (Holdings) Limited. A new or improved gearbox.
87623. Elektrophysikalische Anstalt Bernhard Berghaus. Method of producing metals.
87624. Sperry Rand Corporation. Recording system.

87625. Imperial Chemical Industries of Australia and New Zealand Limited. Apparatus and method for packing aerated materials. (30th April 1962).
87626. Cavitron Ultrasonics Inc. Method and apparatus for joining sheet materials.
87627. Rohm & Hass Company. Redox polymers.
87628. Giddings & Lewis Fraser Limited. Improvements in or relating to apparatus for teasing fibrous material. (1st May 1962).
87629. Toyoda Automatic Loom Works, Limited. An apparatus for cutting sliver at the time of can changing operation.
87630. Nestle's Products Limited. Metal can with hermetic closure.
87631. F. Hoffmann La Roche & Co. Aktiengesellschaft. Novel steroids and process for the manufacture thereof.

*The 29th April 1963*

87632. Bell Intercontinental Corporation. Casting core knock out and cleaning machine and method.
87633. National Research Development Corporation. Treatment of chromite. (2nd May 1962).
87634. Imperial Chemical Industries Limited. Anthraquinone dyestuffs. (15th May 1962).
87635. Stoother & Pitt, Limited. Improvements in or relating to pan type concrete mixers.
87636. Morgan Refractories Limited. Improvements in and relating to refractory products and the production thereof. (4th May 1962).
87637. Verwaltungsgesellschaft der Werkzeugmaschinenfabrik Oerlikon. Electrical welding apparatus.
87638. Denco AG. Differential gearing incorporated in a let-off mechanism.
87639. E. N. Contractor. Improvements in or relating to a valve or faucet which can be used to discharge any liquid, steam or gas.
87640. Sperry Rand Corporation. Interrupt system.
87641. Council of Scientific and Industrial Research. A process for the direct solvent extraction of fresh coconut kernels for recovery of oil and edible meal.
87642. Sandoz Ltd. Improvements in or relating to organic compounds. (30th April 1962).

87673. Dow Corning Corporation. Improvements in or relating to organosilanes. [Divisional date 30th January 1962].

87674. L. Horwitz. Budding element.

87675. Moirerdshammars Mek Verkstads Aktiebolag. Improvements in turnbille roll pairs.

87676. Scovill Manufacturing Company. An aerosol valve assembly for both charging and discharging a container.

87677. Licentia Patent—Verwaltungs G.M.B.H. Electrical alternating-current or three-phase machine with a pole wheel having claw like poles. (1st March 1963).

87678. The Dunion Company, Inc. Sleeve lined plug valves.

87679. Sumitomo Chemical Company Ltd. Process for preparation of aromatic amino compounds in a mixed solvent.

*The 30th April 1963*

87680. G. V. Ramanen. Improved electricity system.

87681. Rohrenwerk u. Pumpenfabrik Rudolf Bauer Tube.

87682. Scientific Design Company, Inc. Chemical process.

87683. Imperial Chemical Industries Limited. Filaments and staple fibres. (7th May 1962).

87684. Rohm & Haas Company. Depilation of hides and skins.

87685. Rank Xerox Limited. Improvements in electrostatic frosting

87686. Pyrotex Limited. Improved cable sealing means (2nd May 1962).

87687. AMP Incorporated. Improvements in pinboards

87688. A. I. McFarlan. Cooling tower.

87689. Stoithel & Pitt, Limited. Vibrating machine. (7th May 1962).

87690. Sperry Rand Corporation. Information handling device.

87691. Sperry Rand Corporation. Display system.

87692. Fraser & Glass Limited. Improvements in or relating to making of plastic articles. (10th May 1962).

87693. United Aircraft Corporation. High temperature columbium base alloys.

87694. Metallgesellschaft A.G. Feeding device for electrostatic separators.

87695. Metallgesellschaft A.G. Method for control of processes for heat treatment of solid materials on travelling grates. [Addition to No. 83696].

87696. Knorr-Bremse K.G. Mid-buffer coupling for rail vehicles.

87697. V. Subramanian. A process of getting white paper from 100% (hundred per cent) bamboo by cold method.

87698. Montecatini Societa Generale Per L'Industria Mineraria E Chimica. Stabilized compositions on the basis of polyoxy-methylene.

87699. Union Carbide Corporation. Plastic film welding process and apparatus.

87700. British American Tobacco Company Limited. Improvements relating to the production of tobacco smoking materials. (3rd May 1962)

87701. Laporte Titanium Limited. Improvements in and relating to fluidised bed reactors. (9th May 1962).

87702. Ciba Limited. Manufacture of acylamino compounds.

87703. Ciba Limited. Manufacture of acylamino compounds.

87704. Ciba Limited. Manufacture of acylamino compounds.

87705. Ciba Limited. Manufacture of acylamino-compounds.

*The 1st May 1963*

87706. M. A. Vaidya and S. M. Vaidya. An improved automobile brake.

87707. Heat Exchangers Limited. Improvements in or relating to heat exchangers (7th May 1962).

87708. Union Carbide Corporation. Insulation construction.

87709. Dunlop Rubber Company Limited. Improvements in or relating to devices for conveying fluid between rotatable and non-rotatable members. (11th May 1962).

87710. British Nylon Spinners Limited. Improvements in or relating to strand forwarding means.

87711. British Nylon Spinners Limited. Improvements in or relating to holders for spinning rings. (30th May 1962).

87712. Chas. Pfizer & Co., Inc. Gamma pyrones and preparation thereof. (21st May 1962)

87713. United States Steel Corporation. Self-centering roll.

87714. N. V. Onderzoekingsinstituut Research. Improvements in or relating to the manufacture of hollow threads and staple fibres from synthetic linear polycondensation or polymerisation products.

87715. K. Fisher. Temperature controlled cooking plate.

87716. Merck & Co., Inc. Steroid compounds.

87717. Merck & Co., Inc. Demethylation of organic substances.

87718. Ciba Limited. Process for obtaining a new protein.

87719. Ciba Limited. Manufacture of unsaturated amines.

87720. International Leasing Corporation. Manufacture of fabric.

87721. Metallgesellschaft A.G. Process for control of belt sintering machines.

87722. Banvagyutacsgyar. Automatic dipping machine for dipping ignition heads and other small dimensioned bulk goods.

*The 2nd May 1963*

87723. Soumendra Chandra Roy Chowdhury. Three ratchet wheel clock.

87724. Borakaso (Private) Ltd. and M. Sangvi. Funnels for pouring liquid.

87725. R. C. Sodhani and B. Sodhani. Automatic oil hose.

87726. Maya Chatterjee. P. K.'s magic pressure cooker.

87727. John Ackworthie Limited. Improvements relating to indexing devices for machine tools. (2nd May 1962).

87728. Verwaltungsgesellschaft der Werkzeugmaschinenfabrik Cerlikon. Welding system.

87729. Verwaltungsgesellschaft der Werkzeugmaschinenfabrik Cerlikon. Rectifying-type electric welding circuit.

87730. K & H Equipment Limited. Random stream materials sorter. (25th May 1962).

87731. Shell Internationale Research Maatschappij N. V. Novel insecticidal esters of methylcarbamate acid.

87732. Nippon Soda Kabushiki Kaisha. Process for preparing aryl N-substituted thionocarbamates

87733. Nippon Soda Kabushiki Kaisha. Process for preparing aryl N-substituted thionocarbamates.

87734. J. J. Mehta and T. J. Mehta. Improvements in or relating to means for suspending furniture and method of suspending such furniture.

87735. Ciba Limited. Manufacture of aryl ethers.

87736. Billington Brothers Limited. Improvements in or

87737. Pilkington Brothers Limited. Improvements in or relating to apparatus for annealing glass. (3rd May 1962).
87738. Union Carbide Corporation. Process for preparing polyols and polyurethanes.
87739. Dow Corning Corporation. Improvements in or relating to sheet materials.
87740. M. Yazawa. Process and apparatus for two-dimensional stretching of thermoplastic film, plate and pipe.
87741. R. C. Pearson. Improvements in hydraulic power transmissions and the controls of hydraulic motors. (22nd May 1962).
87742. C. F. Boehringer & Soehne GmbH. New nitrofurans derivatives. (20th March 1963).
87743. C. F. Boehringer & Soehne GmbH. New salts of N-(5 nitro furfuylidene) L-aminohydantoin. (20th March 1963).
87744. Montecatini Società Generale Per L'Industria Mineraria E Chimica. Fungicidal compounds and compositions. (7th May 1962).
87745. Scientific Mechanic Works. Improvement and modification in the manufacture of high speed roller bearing insert for spinning and twisting machines.
87746. O. P. Verma. Integrated process for manufacture of sugar and pulp.
87747. Fichtel & Sachs AG. Improvements in or relating to a clutch plate, more particularly for motor vehicles.
87748. B. N. Agnihotri. Filament less fluorescent tube (four feet and other lengths).
87749. N. Gupta. Tearing stretcher-cot.
87750. T. R. Balachandran. An automatic method of changing cams in machines where the stroke of a reciprocating machine member has to be altered.
87751. T. R. Balachandran. A hydraulic pump with an integral direction control valve.
87752. B. K. Nirenski and Salas S.A. Improvements in and relating to a sheet of synthetic material to be used as a tile.
- The 3rd May 1963*
87753. B. Bysakh. Improvement in or relating to an electric heater and its method of slow heating for crisp-toasting or bread-slices.
87754. J. R. Geigy A.G. Process for the dyeing of polyamide fibres.
87755. International Business Machines Corporation. Transistor switch with noise rejection.
87756. Imperial Chemical Industries Limited. New dye stuffs. (15th May 1962).
87757. Imperial Chemical Industries Limited. Phthalocyanine dyestuffs. (15th May 1962).
87758. Standard Telephones and Cables Limited. Improved extruding die. (1st May 1962).
87759. Enfield Standard Power Cables Limited. Method and apparatus for covering pipes and other articles with organic plastic materials. (1st May 1962).
87760. Bright Manufacturing Company Limited. Improvements in sealing or trimming strips and clips for their attachment to a supporting flange. (13th February 1963).
87761. Wolstan C. Ginies Enterprises Proprietary Limited. Earth drilling machine. (4th May 1962).
87762. California Research Corporation. Mixed fungicide preparation.
87763. Pratt & Whitney Company, Incorporated. Method and apparatus for facilitating chemical reactions.
87764. Badische Anilin- & Soda-Fabrik Aktiengesellschaft. Production of allyl chlorides.
87765. Institut Français Du Pétrole, Des Carburants Et Lubrifiants. Process for the stabilization of crude petroleum.
87766. F. I. Du Pont De Nemours and Company. Oriented polymers.
87767. Metallgesellschaft A.G. Method for controlling processes for the heat treatment of solid substances on travelling grates.
87768. Deutsche Gold-Und Silber-Scheideanstalt Vormals Roessler. Process for the surface treatment of highly dispersed oxides. (15th March 1963).
87769. W. Hampe. Improvement in or relating to washing laundry and to a washing machine.

#### Alteration of Date

75069. Post-dated to 18th November 1961 under Section 5 of the Act.

#### Applications Accepted

Notice is hereby given that all persons interested in opposing the grant of patents on any one of the applications referred to below may at any time within four months of the date of this Gazette of India give notice to the Patents Office in the prescribed form No. 6 of the Indian Patents and Designs Rules, 1933 of such opposition.

A limited number of printed copies of the specifications in the following list will be available for the sale from the Government of India Book Depot, 8, Hastings Street, Calcutta, in due course. The price of each specification is Rs. 2 (postage extra, if sent out of India). Requisition for the supply of printed specifications should be accompanied by the numbers of specifications as shown in the following list.

If required typed copies of the specification together with copies of drawings, if any, can be supplied by the Patent Office on payment of the necessary charges which may be ascertained on application to the office.

The dates shown in crescent brackets are the dates allowed under Section 78-A of the Act.

75069. Premier Industries. Improved protector gloves for fluorescent tubes or like discharge lamps. Accepted on 27th April 1963.

*At elbow socket of rubber or like material having one member of the socket being rectangular in shape and the other member of the said socket being round in shape.*

77827. T. E. F. Angelo and M. Hamada. Improvements relating to films for cinematographical projection with multiple sound track recording in photo-electrical and magneto-electrical systems and an apparatus for their reproduction. Accepted on 27th April 1963.

*Having a plurality of sound tracks each in a different language, recording in photo-electrical and magneto electrical system where the letter recording being erasable.*

77867. E. Halilovic, B. Radisic and P. Miljkovic. Hydrodynamic oscillator. Accepted on 27th April 1963.

*Which comprises an intake casing with attachment for intake hose, a middle cavity with a prismatic body inserted therein, the in between wall being provided with inlets, and an outlet cavity connected with middle cavity by outlets.*

77891. Nihar Chandra Roy. Improvements in or relating to the manufacture of heat insulating compositions and articles therefrom. Accepted on 30th April 1963.

*Mixing rice husk 66½ parts with blast furnace slag cement 25 to 33½ parts in 20 to 30% by weight of water, moulding the product, then air drying and later burning at 1200 to 1300°C to get finished product.*

77975. Ciba Limited. Process for the preparation of  $\Delta^1-3:3\text{-di-}19\text{-nor-steroids}$ , and nor-steroids thus prepared. Accepted on 3rd May 1963.  
*Wherein a  $\Delta^{10}-3\text{-keto-}19\text{-nor steroid}$  is treated with a lower aliphatic or monocyclic aryl-lower aliphatic alcohol in the presence of an acidic agent.*
77985. H. I. Thompson Fiber Glass Company. A method of producing siliceous fibrous material and the material so produced. Accepted on 2nd May 1963.  
*Heating fibres at temperature in excess of needed to shrink or drive off total moisture.*
78074. The British Oxygen Company Limited. Improvements in or relating to apparatus for feeding wire or rod from coils. Accepted on 3rd May 1963.  
*Comprises a coil support supporting a coil of rod on edge while end of the rod is moved clear of the coil and means facilitating movement of the coil on its side after the coil is deposited on its side.*
78151. Imperial Chemical Industries Limited. Process for the production of new azo compounds suitable for colouration of cellulose textile materials. Accepted on 30th April 1963.  
*Reacting 2 mols of halogeno-1, 3, 5-triazine and 1 mol. of chromium and/or cobalt complex aminoazo compound.*
78478. Karamchand Premchand Private Limited. An improved process for the preparation of 4-quinazolinone derivatives. Accepted on 2nd May 1963.  
*Reacting 2-methyl-4(3H)-quinazoline with orthohalogeno toluene.*
78525. Esso Research and Engineering Company. Process for the preparation of compound selected from the group consisting of decahydroacenaphthene, octahydroacenaphthene and acenaphthene and mixtures thereof suitable for use as jet fuel. Accepted on 30th April 1963.  
*Reacting cyclododecatriene with acid catalyst i.e. lewis acid at 50-250°C for 1 minute to 8 hours.*
79036. The Black-Clawson Company. Web guide in paper making machines. Accepted on 25th April 1963.  
*First and second linkage means, interconnecting supporting frame and carriage are adapted to effect the movement of carriage in a straight line.*
79080. The English Electric Company Limited. Improvements in and relating to electrical switching devices having spring contacts. Accepted on 27th April 1963.  
*Provided with spring contacts with extensions adjacent their contact surfaces shaped to define an arc chute which co-operates with magnetic field producing means.*
79109. J. R. Geigy A.-G. New triazine derivatives, compositions, containing same, and process for their preparation. Accepted on 29th April 1963.  
*By heating in the presence of an inert organic solvent a substituted 2-halo-4, 6-diamino-s-triazine with a metal cyanide or ammonium cyanide.*
79142. K. Haussermann and H. Haussermann. Overriding clutch, specially for motor vehicles. Accepted on 30th April 1963.  
*Wherein the recesses in the outer body are movably supported by centrifugal jaws which are articulated to the inner body.*
79143. Farbwerke Hoechst Aktiengesellschaft vormals Meister Lucius & Brünig. Water-insoluble monoazo-dyestuffs and process for their manufacture. Accepted on 1st May 1963.  
*A diazonium compound of *p*-aminobenzene-sulphonamide is coupled with a coupling component.*
79159. J. R. Geigy A.-G. Process for the production of new coumarin derivatives. Accepted on 2nd May 1963.  
*Reacting a coumarin with an amine and if desired converting a product obtained containing a basic radical attached to the nitrogen atom into a salt.*
79170. Merck & Co., Inc. Process for preparing benzophenone compounds. Accepted on 30th April 1963.  
*Exposing 2-chloro-3, 5-dimethoxyphenyl-2-methyl-4-hydroxy-6-methoxybenzoate to ultraviolet light for 24-72 hours.*
79171. Merck & Co., Inc. Process for preparing griseofulvin and related compounds. Accepted on 30th April 1963.  
*Treating dehydrogriseofulvin with hydrogen in presence of a palladium catalyst and in non-hydroxylic solvent medium.*
79174. K. Haussermann and H. Haussermann. Clutch for motor vehicles. Accepted on 2nd May 1963.  
*In which the springs are mounted in bowl shaped sheet metal shells mounted in the recesses in the driving and the lower discs.*
79214. Shell Internationale Research Maatschappij N. V. Circuit for transmitting electrical signals over a multi-conductor cable. Accepted on 3rd May 1963.  
*Comprising three conductors of cable the transmitter being coupled to two of these conductors at the sending end and the receiver being coupled at the receiving end to one of these two conductors to a third conductor.*
79235. Contina Bureaux Unid Rechenmaschinenfabrik, Aktiengesellschaft. Cameras for exposing films in multiple rows. Accepted on 1st May 1963.  
*Characterised in that the reversing drive chamber is rotatably mounted relative to the camera body.*
79238. J. R. Geigy A.-G. New arylglucosaminides and process for the production thereof. Accepted on 3rd May 1963.  
*Reacting salt of phenol like *O*-benzyl phenol with  $\alpha$ -bromo-3, 4, 6-triacetyl-D-glucosamine a treating reaction product with formaldehyde.*
79291. Standard Telephones and Cables Limited. Improvements in equipment for receiving coded signals. [Addition to No. 64429]. Accepted on 29th April 1963.  
*Control circuit comprising a detector means, first generator means to supply sharp signal, second generator means and blocking means.*
79334. Imperial Chemical Industries Limited. New monoazo compounds. (23rd November 1960). [Addition to No. 63533]. Accepted on 30th April 1963.  
*Reacting cyanuric halide with an aminoazo compound and an amine.*
79372. Takeda Chemical Industries Limited. (Paraacyloxyphenoxy)-benzoic acid derivatives and compositions containing the same. Accepted on 30th April 1963.  
*Comprises subjecting 3, 5-diiodo-4-(3'-iodo-4'-hydroxyphenoxy)-benzoic acid to the action of an acylating agent.*

79388. Council of Scientific and Industrial Research. A process for the manufacture of a bloated clay aggregate (designated by us as "gaylite") from the silt deposited by the River Hooghly. Accepted on 27th April 1963.
- Preparing bloated clay aggregate from silt deposited from River Hooghly by crushing, modulizing the silt into spherical pellets and firing in rotary kiln.*
79461. General Mills, Inc. 6, 16-dialkyl-17-oxygenated steroids. Accepted on 30th April 1963.
- Comprises alkylating a 6-alkyl 5, 16-pregna dien-3  $\beta$  -01-20-one-3-acylate with an alkyl metal halide, acylating the product formed by organic carboxylic acid, epoxidizing the diacylate, with a peracid, hydrolyzing to give 5, 6-oxido compound, hydrolyzing to yield tetrol of which 3  $\beta$  - hydroxy function is oxidized to 3-ketone, dehydrating the product and if desired acylating to give 17-acylates.*
79535. Ciba Limited. New dyestuffs containing triazine groups, process for the manufacture thereof and dyeing or printing polyester fibers therewith. Accepted on 2nd May 1963.
- A 4-halogen-6 phenyl-2-anthraquinylamino-1: 3:5 triazine is condensed with an amine.*
79561. Asahi Kasei Kogyo Kabushiki Kaisha. Method and apparatus for the continuous treatment of textile bundles with pressure steam. Accepted on 1st May 1963.
- Comprises treating textile bundle in a pressure cell chamber in which the bundle passes through pressure cells having stepwise elevating pressure and then it is drawn out through stepwise lowering pressure cells after treatment.*
79620. Pirelli Societa Per Azioni. Improvements in or relating to anchorages for armoured cables laid in conduits. (10th October 1961). Accepted on 1st May 1963.
- A sleeve of a hardening synthetic resin is formed around a zone of the armour after removing the sheath and is provided with means for enclosing the sleeve in fixed relationship with the mouth of the conduit.*
79621. Rohm & Haas Company. Coating compositions and method of coating solid surfaces therewith. Accepted on 27th April 1963.
- Comprises preparing an aqueous dispersion of the nitrogenous polymer by emulsion polymerization of an appropriate monomer charge and adding the other ingredient(s) of the composition thereto.*
79631. E. I. du Pont de Nemours and Company. Herbicidal compositions. Accepted on 30th April 1963.
- Comprises 3-alkyl-5-halo-6-alkyl uracil in admixture with an adjuvant, modifier or diluent.*
79689. United States Steel Corporation. Method of and apparatus for marking metal strip. Accepted on 2nd May 1963.
- Drawing the strip around a hollow perforated cylindrical roll, supplying electrolyte to the interior of the roll and subjecting the strip to anodic electrolysis while in contact with said roll.*
79706. Sandoz Ltd. Improvements in or relating to piperidine derivatives. (9th December 1960). Accepted on 30th April 1963.
- Comprises reacting 4-hydroxypiperidine with a 2-halogenoethyl diphenylmethyl ether and if desired the resulting compound is treated with an organic or inorganic acid.*
- 79751 N. V. Philips Gloeilampenfabrieken. Improvements in or relating to methods of manufacturing compact bodies of mangatic oxide and/or iron oxide and bodies thus obtained. Accepted on 29th April 1963.
- A solution comprising a manganese and/or iron salt is dropped into a mould which is heated.*
79763. American Cyanamid Company. Novel amides and process for the preparation thereof. Accepted on 2nd May 1963.
- Condensing a pyridyl derivative with a 3,4,5-trialkoxy cinnamic (or benzoic) acid derivative.*
79782. Sandoz Ltd. Improvements in or relating to piperidine and pyrrolidine derivatives. (11th December 1960). Accepted on 29th April 1963.
- By reacting a diphenyl-methyl compound with a piperidyl derivative.*
79822. Consolidated Laboratories, Inc. Novel parenteral vaccine and antigen compositions and methods of making and using. Accepted on 29th April 1963.
- Mixing vaccines, antigens and a soluble alginate in a sterile aqueous medium.*
79828. Shell Internationale Research Maatschappij N. V. Process for the preparation of copolymers of alpha, beta ethylenically unsaturated aldehydes. Accepted on 27th April 1963.
- Polymerising  $\alpha$  :  $\beta$  -ethylenically unsaturated aldehydes in the presence of  $\text{SO}_2$ .*
79861. Fssso Research and Engineering Company. Process for the production of ammonia synthesis feed gas. Accepted on 2nd May 1963.
- Contacting gaseous hydrocarbon and steam with a reforming catalyst at 1200-2000°F, withdrawing a stream containing mostly CO and  $\text{H}_2$ ; contacting higher hydrocarbon with diluted oxygen in oxidation zone at 1700°F, withdrawing stream rich in CO,  $\text{H}_2$  and  $\text{N}_2$ , mixing the two withdrawals; converting CO in this mixture to  $\text{CO}_2$  and  $\text{H}_2$  with steam; and removing  $\text{CO}_2$  and unreacted CO.*
79908. Shell Internationale Research Maatschappij N. V. Hydrogen lubricating compositions. Accepted on 30th April 1963.
- Comprising hydrocarbon oil, polymeric nitrogen containing detagent and oil soluble amino-alkyl imidazoline salt or complex of organic acid phosphate or phosphonate.*
79921. Macneill & Barry Limited. Improvements in or relating to the packaging of tea. Accepted on 27th April 1963.
- Tea being formed into tablets without pressure and packed between two foils.*
80010. Imperial Chemical Industries Limited. Production of polyolefin filaments. (12th January 1961). Accepted on 2nd May 1963.
- Comprising stretching the spun, substantially undrawn filaments up to 1% of their original length and drawing the filaments between a feed roll or rolls and a draw roll or rolls.*
80057. Asahi Kasei Kogyo Kabushiki Kaisha. A method for the recovery of metallic ion from a slurry containing the same. Accepted on 3rd May 1963.
- Dissolving the metallic component of the slurry by a solvent, the treated slurry is subjected to ionexchange reaction between the metal ion and the ion-exchange resin capable of adsorbing the metal ion, the reaction being done in counter current flow slurry in respect of the slurry stream; regenerating the resin.*
80102. Sun Oil Company. Processing of ethylene-propylene copolymers. Accepted on 27th April 1963.
- Reacting an ethylene-propylene copolymer with carbon black in the absence of curatives at 300-500°F.*

80161. Olin Mathieson Chemical Corporation. Synthesis of steroids. Accepted on 27th April 1963.
- Treating a compound selected from the group consisting of 16, 17 cyclic ketals and acetals of 16  $\alpha$ , 17  $\alpha$ -dihydroxy steroids of the pregnane and pregnane series with aqueous formic acid.*
80175. Ciba Limited. New azo-dyestuffs and process for their manufacture. Accepted on 29th April 1963.
- An azo dyestuff carboxylic acid halide is condensed with an amine, both the reactants being free of groups imparting solubility in water.*
80176. Ciba Limited. Insecticide. Accepted on 29th April 1963.
- Comprising an insect stomach poison, a humectant, partially hydrolysed yeast and a binder in a body of sugar.*
80245. N. V. Philips' Gloeilampenfabrieken. Improvements in or relating to apparatus for supplying objects to desired positions. (25th January 1961). Accepted on 2nd May 1963.
- Characterised in that the container has a projecting surface, which can be tilted from the loading position to the feeding position.*
80268. AviSun Corporation. Filled polypropylene composition. Accepted on 29th April 1963.
- Comprising crystalline polypropylene and anthophyllete asbestos and an inhibitor against thermal and oxidative degradation.*
80292. J. R. Geigy A-G. Process for the production of new basic substituted  $\beta$ -carboline derivatives. Accepted on 29th April 1963.
- A substituted carboxylic acid amide the carboxyl group is reduced to the methylene group and then dehydrated.*
80397. Asia Dredging Company Limited. Apparatus and method for collecting sand and gravel from a gravel layer existing at the lower part of a soil layer underneath the water. Accepted on 27th April 1963.
- Jet pump having a jet-pump nozzle, a downward nozzle for shaving and a horizontal nozzle for cutting and a floating operation deck.*
80549. C. Burk. Improvements in or relating to epoxide resins. Accepted on 2nd May 1963.
- Comprising a homogenous mixture of a heat hardenable epoxide resin and a hardener therefor, both being present in a partially cross-linked state.*
80598. James Mackie & Sons Limited. Improvements relating to textile drafting apparatus. (28th February 1961). Accepted on 1st May 1963.
- Path defining members are provided between drafting members and doubling plate such that each sliver travels same distance between drafting and delivery rollers.*
80599. James Mackie & Sons Limited. Improvements relating to textile drafting apparatus. (28th February 1961). Accepted on 1st May 1963.
- Each sliver passes between a roller turning in fixed bearings and a displaceable measuring roller, the support points of measuring rollers being connected to an averaging linkage.*
80693. D. Walker. Process and means for shearing or clipping animal fibres and forming them into a rope or sliver. Accepted on 29th April 1963.
- Comprises power-driven shears in a clipper head, drawing-off rollers, a flexible conveyor, twist inserting means and packaging apparatus.*
80759. Schaku Scharfenbergkupplung G.m.b.H. Arrangement of contacts on electric cable connector couplings used in combination with automatic vehicle couplers of the rigid type. Accepted on 27th April 1963.
- The fixed type counter contacts are completely embedded in the insulating material of the contact carrier wherein the contact surfaces are flush with the upper surface of the insulating material.*
81057. Lancaster & Tonge Limited. Improvements in thermodynamic steam traps. Accepted on 29th April 1963.
- A valve body having coaxial inlet and outlet at right angle of which the valve body being formed as a cylinder containing a free piston.*
81111. N. V. Onderzoekingsinstituut Research. A method and an apparatus for winding crimped filament yarns, and a method for the manufacture of crimped carpet yarns. Accepted on 27th April 1963.
- Comprises drawing the yarn from supply mass through a layer of loose elements.*
81153. General Electric Company. Improvements in or relating to water demineralizing apparatus. Accepted on 29th April 1963.
- Combination of an evaporating surface and a condensing surface in closed spaced relation, wherein evaporation and condensation taking place at atmospheric pressure.*
81210. Basic Incorporated. Basic refractory bonded with coal-tar pitch. Accepted on 2nd May 1963.
- The method comprising the reduction of ferric iron content of the material prior to forming the refractory article.*
81491. Wargons Aktiebolag and Ab Svenska Maskinverken. A reduction furnace provided with superstructure. Accepted on 27th April 1963.
- The ceiling and side walls of superstructure of furnace is covered by cooled cavity structure extending from vault ceiling downwards to cover also electrodes and the electrode holders are placed under the superstructure ceiling.*
81515. Foster Wheeler Limited. Improvements in and relating to pulverising apparatus. Accepted on 26th April 1963.
- In which the materials rejected by classifier are returned to the pulveriser through passage with conveyor means so that they cannot be again airborne to classifier without passing through pulveriser.*
81558. Capsulation Services Private Limited. Improvements relating to the method of filling dry powder or granules in soft gelatine capsules and a machine therefor. Accepted on 27th April 1963.
- Gelatine strips being successively deformed by the application of external suction or vacuum from underside of plastic strips in each die roll by means of an independent sleeve not rotating with the die roll.*
81641. Preparation Industrielle Des Combustibles. Improved device for treating solid materials. Accepted on 30th April 1963.
- At least one chamber is provided for receiving material and furnished with elements or rows of inclined elements for trickling, the direction of each row being opposite to that of the preceding and following rows, each chamber being arranged to undergo vibration in vertical plane.*

81773. Vereinigte Glanzstoff-Fabriken A.G. A process and apparatus for the crimping of multifilament yarns by heat setting of a temporary twist. (19th October 1961). Accepted on 29th April 1963.

*A process for crimping multifilament yarns comprises in accumulating and stabilizing the low pre-twist of a thread.*

81939. A. C. Padamsee. Improvements in or relating to vacuum flasks or like containers. Accepted on 30th April 1963.

*Provided with a strap around its outer casing the strap having a stirrup shaped clamp and a hook-shaped member.*

81940. Shell Internationale Research Maatschappij N.V. Process for the production of odourless or weakly odorous hydrocarbon mixtures. Accepted on 27th April 1963.

*A catalytic hydrogenative refining and chemical treatment in the liquid phase, characterised in that chemical treatment in the liquid phase comprises a treatment with an aqueous solution containing one or more salts of metal acids having a high oxygen content.*

82011. T. G. V. Nadar. Air cushioned pessary. Accepted on 29th April 1963.

*Consists of two thin layers of rubber with two rubber rings, a small-hole by the side of one of the rings for air outlet and a stopper with a string for closing the hole.*

82261. B. Braun. Plastic canula to be used for continuous intravenous infusions. Accepted on 27th April 1963.

*Plastic canula is provided at its rearward end with a reinforcement integral with the proper plastic canula, said reinforcement having in the interior a recess for receiving the shoulder of a Reqd cone or Luer cone.*

82922. SKF Kugellagerfabriken Gesellschaft mit beschränkter Haftung. Improvements in or relating to top roll carrier and weighting arms for textile drafting machines. Accepted on 30th April 1963.

*The weighting means comprises a spring extending between an abutment on the carrier arm and an abutment connected with the guides arm for the top roller through a pressure transmitting member.*

83305. Russell Constructions Limited. Improvements in or relating to straining and sifting apparatus. Addition to No. 69135. Accepted on 3rd May 1963.

*Between the sieving element and the sieve frame a flexible mounting is provided to permit a slight up and down movement of the sieving element.*

### Opposition Proceedings

An opposition has been entered by National Rayon Corporation Ltd., to the grant of a patent on application No. 77608 made by W. R. Schmitz.

### Printed Specification Published

A limited number of printed copies of the undernoted specifications are available for sale from the Officer-in-Charge, Government of India, Central Book Depot, 8, Hastings Street, Calcutta, at two rupees per copy:—

(1)

72559. 72569. 72577. 72656. 72693. 72710. 72741. 72824. 72979. 73015. 73208. 73339. 73662. 73670. 73675. 73676. 73697. 73699. 73701. 73732. 73733. 73737. 73739. 73744. 73747. 73748. 73749. 73751. 73762. 73800. 73802. 73821. 73826. 73835. 73880. 73890. 73913. 73923. 73958. 74027. 74263. 74272. 74346. 74417. 74478. 74529. 74632. 74826. 74905. 75055. 75293. 75501. 75505. 75530. 75709. 75846. 76182. 76361. 76410. 76628. 76779. 76917. 79574. 80287. 80918. 81290.

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### Amendment Proceedings

(1)

Notice is hereby given under Section 17 of the Indian Patents and Designs Act, 1911, that Improved Machinery Inc., a corporation organized under the laws of the State of Maine, United States of America, of Nashua, State of New Hampshire, United States of America, Manufacturers, seek leave to amend the description and claims in the specifica-



tion in respect of Patent application No. 76745. Any person desirous of opposing the application for amendment should at any time within three months from the date of this Gazette, give notice of his intention to do so on the prescribed form (form 6 of the Indian Patents and Designs Rules, 1933) in the Patent Office, 214, Lower Circular Road, Calcutta-17. The proposed amendment may be seen free of charge at the Patent Office or copies thereof may be obtained from the Patent Office, on payment of the usual charges.

(2)

The amendment proposed by Glaxo Laboratories Ltd., in respect of Patent application No. 76523 as advertised in the Gazette of India, Part III, Section 2 dated the 19th January, 1963 has been allowed.

#### Registration of Assignments, Licences, etc.

Assignments, licences or other transactions affecting the interests of the original patentees have been registered in the following cases. The number of each case is followed by the names of the parties claiming interests:—

38218 -- Beaunit Corporation

49795 } -- Haco Ltd.  
57331 }

18913 Parke, Davis & Company.

53670 }  
53688 } -- Indian General Corporation.  
53731 }

57615 }  
70587 } — American Flange & Manufacturing Co. Inc.

59518 — Peter A. Denes.

61795 — United Kingdom Atomic Energy Authority.

63166 — Ancon Industries Private Ltd.

65291 — McPherson's Limited.

69791 — Fertilizers & Chemicals Limited.

69795 — Fertilizers & Chemicals Limited.

69796 — Fertilizers & Chemicals Limited.

71104 — Johnson & Johnson.

72742 — Jetaire Company Limited.

72685 — The Stanley Works.

#### Renewal Fees Paid

39636. 41228. 41129. 41565. 41910. 41976. 41977. 43037.  
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#### Extension of the Term of Patent

The petition for extension of the term of Patent No. 35760 filed by Bata Shoe Company Private Limited and notified in Part III, Section 2 of the Gazette of India dated the 14th April 1962, has been rejected by the Central Government.

#### Cessation of Patents

35431. 38085. 40101. 43606. 43628. 43634. 43669. 43671.  
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#### Registration of Designs

The following designs have been registered. They are not open to inspection for a period of two years from the date of registration except as provided for in Section 50 of the Indian Patents and Designs Act.

The dates shown in each entry is the date of registration of the designs including in the entry.

The dates shown in crescent brackets are the dates claimed under Section 78-A of the Act.

Class 4. No. 105745, P. V. S. K. P. Nadar, K. Ganesan, G.D. Annal, R. Sakthivel, R. Sarpatajan, R. Nageswaran, R. Dhanushkodi, D. Rajendran, D. Krishnamoorthy, D. Sureshkumar, D. Premkumar and D. Manohar, all Indian Nationals of 11/56, Pandithar Street, Virudhunagar, Madras State, India. "Bottles", October 22, 1962.

Class 4. Nos. 117005 and 117006, Lakme Limited of Bombay House, Bruce Street, Bombay, Maharashtra, India, an Indian Company, "A bottle", February 11, 1963.

Class 4. No. 117223, A. Kumar, an Indian citizen, of 11, Abdul Rasul Avenue, Calcutta-26, West Bengal, "Fuse base", February 23, 1963.

Class 4. No. 117226, A. Kumar, An Indian citizen, of 11, Abdul Rasul Avenue, Calcutta-26, West Bengal, "Fuse barrier", February 23, 1963.

Class 5. No. 115879, S. N. Saigal, N/1567-Sui Walan Chitli Qabar, Delhi 6, Indian, "Label", November 5, 1962.

Class 13. Nos. 117357 to 117367, Messrs. The Phoenix Mills Limited, an Indian Company of State Bank Building, Bank Street, Fort, Bombay, "Textile goods", March 13, 1963.

Class 13. Nos. 117401 to 117409, The Khatau Makauji Spg. & Wvg. Co. Ltd., Laxmi Building, 6, Ballard Road, Bombay 1, Indian Company, "Textile piecegoods", March 13, 1963.



Class 13. Nos. 117446 to 117513, The Century Spg. & Mfg. Co. Ltd., Indian Company, Industry House, 159, Churchgate Reclamation, Bombay 1, "Textile goods", March 19, 1963.

Class 13. Nos. 117540 to 117542, The Standard Mills Co. Ltd., Indian Company, Mafatlal House, Backbay Reclamation, Bombay 1, (India), "Textile goods", March 21, 1963.

Class 13. Nos. 117545 to 117548, The Tata Mills Ltd., an Indian Company of Bombay House, Bruce Street, Fort, Bombay, Maharashtra, "Textile goods", March 21, 1963.

Class 13. Nos. 117567 to 117574, The Bombay Dyeing & Mfg. Co. Ltd., an Indian Company incorporated in India, Neville House, Ballard Estate, Bombay-1, "Cotton Textiles", March 25, 1963.

Class 13. Nos. 117580 and 117581, The Victoria Mills Limited, an Indian Company of De Lisle Road, Parel, Bombay-13, "Cotton piecegoods", March 25, 1963. z

Class 13. Nos. 117607 to 117609, Shree Ram Mills Ltd., Ferguson Road, Bombay-13, a Company incorporated under the Laws of India, "Textile goods", March 28, 1963.

Class 13. Nos. 117611 to 117614, The Khatan Makhanji Spg. & Wvg. Co. Ltd., 6, Ballard Pier, Laxmi Building, Fort, Bombay, Indian Company, "Textile piecegoods", March 28, 1963.

Class 13. Nos. 117634 to 117637, The Bombay Dyeing & Mfg. Co. Ltd., an Indian Company incorporated in India, Neville House, Ballard Estate, Bombay-1, "Cotton textiles", March 30, 1963.

Class 14. Nos. 116621 and 116625, The Svadeshi Mills Co. Ltd., an Indian Company of Bombay, Bombay House, Bruce Street, Fort, Bombay, (Maharashtra), "Textile goods", January 14, 1963.

Class 14. No. 117090, The Victoria Mills Limited, an Indian Company of De Lisle Road, Parel, Bombay-13, "Cotton piecegoods", February 18, 1963.

Class 14. Nos. 117514 to 117521, The Century Spg. & Mfg. Co. Ltd., Indian Company, Industry House, 159, Churchgate Reclamation, Bombay-1, "Textile goods", March 19, 1963.

#### Copyright Extended for a Second Period of Five Years

Design No. 94985 — Class 4.

Name Index of Applicants for Patents for the month of April, 1963 (Nos. 87225 to 87705).

#### Name and Application No.

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ACSA Applicazioni Chimiche S.p.A.—87283.

Adar Corporation—87546.

Ahuja, D. P.—87466.

Aktiebolaget Bofors—87602.

Aktiebolaget Tudor—87293.

Aktiebolaget Vibro-Verken—87403.

Algemene Kunstzijde Unie N.V.—87408.

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American Cyanamid Company—87523.

American Flange & Manufacturing Co. Inc.—87510.

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Associated Electrical Industries Limited—87606, 87607.

Associated Lead Manufacturers Limited—87268.

Automotive Products Company Limited—87253.

#### Name and Application No.

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Banerjee, A. K.—88609.

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Beecham Research Laboratories Limited—87586.

Bell Intercontinental Corporation—87662.

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C.F. Boehringer & Soehne G.m.b.H.—87294, 87361, 87643.

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Cleveland Crane & Engineering Company, The—87313.

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Compagnie Generale De Geophysique—87542.

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Conch International Methane Limited—87512.

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Corning Glass Works—87596.

Cotton Silk and Man-Made Fibres Research Association, The—87573.

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| Diamant Boart—87383.  | Hunslet (Holdings) Limited—87652.   |
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| Dufaylite Developments Limited—87598.   | Imperial Chemical Industries of Australia and New Zealand Limited—87458, 87655.   |
| Dunlop Rubber Company Limited—87270, 87639, 87640.  | Ingersoll-Rand Company—87327.   |
| Duriron Company, Inc., The—87678.   | Inland Steel Company—87368, 87516.  |
| "E"   | Institut Francais Du Petrole, Des Carburants & Lubrifiants—87542.   |
| Egyesult Gyogyszer-Es Tapszergyar—87645.  | Institute of Neurology, The—87315.  |
| E. I. du Pont de Nemours and Company—87561.   | International Business Machines Corporation—87398.  |
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